

# **EXHIBIT 2**

**501825486 02/20/2012****PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Alcatel-Lucent USA Inc.	02/16/2012
RECEIVING PARTY DATA	
Name:	Alcatel Lucent
Street Address:	3, avenue Octave Greard
City:	Paris
State/Country:	FRANCE
Postal Code:	75007
PROPERTY NUMBERS Total: 57	
Property Type	Number
Application Number:	13017304
Application Number:	12987308
Application Number:	13011487
Application Number:	12984147
Application Number:	13017392
Application Number:	12984900
Application Number:	13007885
Application Number:	13007814
Application Number:	12984213
Application Number:	12983949
Application Number:	13004205
Application Number:	12987572
Application Number:	13007883
Application Number:	13010617
Application Number:	13010343

CH \$2280.00 13017304

**501825486**

**PATENT**  
**REEL: 027729 FRAME: 0802**

Application Number:	13010414
Application Number:	13010168
Application Number:	13017206
Application Number:	13007878
Application Number:	13010711
Application Number:	13006815
Application Number:	12984431
Application Number:	13013650
Application Number:	12983402
Application Number:	12985835
Application Number:	13010420
Application Number:	13006840
Application Number:	12987336
Application Number:	12984916
Application Number:	12984932
Application Number:	12984690
Application Number:	13017297
Application Number:	12984950
Application Number:	12983419
Application Number:	13006142
Application Number:	12984395
Application Number:	12984883
Application Number:	12984868
Application Number:	13017449
Application Number:	12984666
Application Number:	12986706
Application Number:	13010382
Application Number:	12930301
Application Number:	12987554
Application Number:	12984938
Application Number:	12985108
Application Number:	13009330
Application Number:	12984491
Application Number:	13016376
Application Number:	13014864

	12984047
Application Number:	13012613
Application Number:	13017455
Application Number:	13012712
Application Number:	13012730
Application Number:	13012693
Application Number:	13018109

**CORRESPONDENCE DATA**

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Phone: 908-582-4662

Email: patty.giebler@alcatel-lucent.com

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

Correspondent Name: Gregory J. Murgia

Address Line 1: 600-700 Mountain Avenue

Address Line 2: Docket Administrator - Room 3D-201

Address Line 4: Murray Hill, NEW JERSEY 07974-0636

ATTORNEY DOCKET NUMBER:

JAN11 13 MTH ALUS TO ALFR

NAME OF SUBMITTER:

Gregory J. Murgia

**Total Attachments: 4**

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## ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Alcatel-Lucent USA Inc.**, a corporation established and existing under the laws of the United States of America and having its principal place of business at 600-700 Mountain Avenue, Murray Hill, New Jersey 07974-0636, United States of America ("Assignor") does hereby sell, assign, transfer and convey, subject to any existing rights, licenses and/or obligations of or to third parties, unto **Alcatel Lucent**, a corporation established and existing under the laws of France and having its principal place of business at 3, avenue Octave Gréard, 75007 PARIS, France ("Assignee"), all of Assignor's right, title and interest, for all countries, jurisdictions and political entities of the world, in and to any and all of the following (collectively, "Rights"):

- (a) The invention or inventions (collectively, "Inventions") identified in **APPENDIX A** and all the Intellectual Property rights and privileges under any and all forms of protection, including those enumerated below;
- (b) The patent application(s) filed with respect to said Inventions, as identified in **APPENDIX A**, and Patent applications or other applications that may be filed for protection including, without limitation, applications for certificates of invention, utility models, industrial design protection, design patent protection, and provisional patent applications wherever filed, with respect to the Inventions, (collectively, "Applications") including all rights to file and prosecute such Applications directly in the name of Assignee;
- (c) All patents including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, that may be granted, registered, or issued with respect to the Inventions or the Applications (collectively, "Patents") including, but not limited to, any already granted patents identified in **APPENDIX A**;
- (d) All patents and patent applications for which any of these Applications or Patents directly or indirectly form a basis for priority;
- (e) All reissues, requests for continuing examinations, re-examinations, extensions, continuations, continuations in part, continuing prosecution applications, divisions, or registrations of, any item in any of the any of the foregoing categories (b), (c) or (d);
- (f) The right to claim priority rights deriving or arising from any of the foregoing categories (b), (c), (d) or (e) and for Assignee to otherwise avail itself of the provisions of the international conventions governing the protection of inventions;
- (g) All causes of action and enforcement rights related to any of the foregoing categories (a), (b), (c), (d) or (e) (including, without limitation, the right to sue and

to pursue damages, injunctive relief, or other remedies for past, present, or future infringement, misappropriation, or violation of rights related thereto);

- (h) All rights to license and to collect royalties and other payments under or on account of any of the foregoing categories (a), (b), (c), (d) or (e); and
- (i) Any and all other rights and interests arising out of, in connection with, or in relation to any of the foregoing categories (a), (b), (c), (d) or (e),

with respect to which, and to the extent to which, Assignor had or has acquired the right to so sell, assign, convey, transfer and deliver.

Assignor requests the respective patent office or governmental agency in each jurisdiction to grant or issue any and all letters patents, certificates of invention, utility models or other governmental or inter-governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the Assignee to the Assignor's entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors or assigns, and anyone properly designated by them and will be binding upon Assignor, its successors or assigns, and anyone properly designated by them.

**IN WITNESS WHEREOF**, each of the Parties has caused this Assignment to be executed by its duly authorized representatives on the respective dates entered below.

ASSIGNOR:

**Alcatel-Lucent USA Inc.**

By: John McCabe

Name: John F. McCabe

Title: Senior IP Counsel & Cluster Lead

Date: 16 february 2012

ASSIGNEE:

**Alcatel Lucent**

By: Gregory J. Murgia

Name: Gregory J. Murgia

Title: Senior Director,  
Americas Patent Creation &  
Senior IP Corporate Counsel

Date: 16 Feb 2012

**APPENDIX A**

<b>Our Case Ref.</b>	<b>US Serial No.</b>	<b>WO Serial No.</b>
805709-US-NP	13/017304	N/A
806354-US-NP	12/987308	PCT/US2011/065761
806850-US-NP	13/011487	N/A
806948-US-NP	12/984147	N/A
806973-US-NP	13/017392	N/A
806988-US-NP	12/984900	PCT/US2011/064849
807101-US-NP	13/007885	PCT/US2012/020779
807102-US-NP	13/007814	N/A
807280-US-NP	12/984213	N/A
807419-US-NP	12/983949	N/A
807420-US-NP	13/004205	N/A
807438-US-NP	12/987572	N/A
807440-US-NP	13/007883	N/A
807551-US-NP	13/010617	PCT/US2012/021697
807552-US-NP	13/010343	N/A
807553-US-NP	13/010414	N/A
807570-US-NP	13/010168	PCT/US2011/044527
807573-US-NP	13/017206	PCT/US2012/022294
807579-US-NP	13/007878	N/A
807582-US-NP	13/010711	N/A
807620-US-CIP	13/006815	N/A
807621-US-NP	12/984431	PCT/US2011/064835
807633-US-NP	13/013650	N/A
807659-US-NP	12/983402	PCT/US2011/066703
807712-US-NP	12/985835	PCT/US2012/020270
807715-US-NP	13/010420	PCT/US2012/021017
807728-US-NP	13/006840	PCT/US2012/020655
807798-US-NP	12/987336	PCT/US2012/020297
807812-US-NP	12/984916	N/A
807813-US-NP	12/984932	PCT/US2011/066760
807847-US-NP	12/984690	N/A
807858-US-NP	13/017297	N/A
807877-US-NP	12/984950	PCT/US2011/065801
807974-US-NP	12/983419	PCT/US2011/067103
807985-US-NP	13/006142	PCT/US2012/020247
807991-US-NP	12/984395	N/A
808005-US-NP	12/984883	N/A
808024-US-NP	12/984868	PCT/US2012/020018
808034-US-NP	13/017449	N/A

808035-US-NP	12/984666	N/A
808048-US-NP	12/986706	N/A
808077-US-NP	13/010382	PCT/US2012/021516
808114-US-NP	12/930301	PCT/US2011/066771
808173-US-NP	12/987554	PCT/US2011/067903
808261-US-NP	12/984938	PCT/US2011/065755
808276-US-NP	12/985108	N/A
808440-US-NP	13/009330	N/A
808542-US-NP	12/984491	PCT/US2011/053357
808658-US-NP	13/016376	PCT/US2012/021638
808776-US-NP	13/014864	N/A
808812-US-NP	12/984047	N/A
808905-US-NP	13/012613	PCT/US2012/021966
808950-US-NP	13/017455	N/A
808969-US-NP	13/012712	PCT/US2011/067132
809102-US-NP	13/012730	PCT/US2011/067117
809103-US-CIP	13/012693	PCT/US2011/064314
809158-US-CIP	13/018109	PCT/US2011/060359